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=> s zirconium(w)dioxide
      33682 ZIRCONIUM
      137863 DIOXIDE
L1      2045 ZIRCONIUM(W)DIOXIDE
=> s monoclinic(w)zirconium
      1485 MONOCLINIC
      33682 ZIRCONIUM
L2      45 MONOCLINIC(W)ZIRCONIUM
=> s l1 and l2
L3      19 L1 AND L2
=> dis l3
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1. 5,374,390, Dec. 20, 1994, Process for producing a layer system for gas sensors; Karl-Hermann Friese, 419/10; 204/424, 425, 426, 427; 419/5, 19, 20, 45 [IMAGE AVAILABLE]
=> fdis l3 2-19
'FDIS' IS NOT A RECOGNIZED COMMAND
=> dis l3 1-19

1. 5,374,390, Dec. 20, 1994, Process for producing a layer system for gas sensors; Karl-Hermann Friese, 419/10; 204/424, 425, 426, 427; 419/5, 19, 20, 45 [IMAGE AVAILABLE]

2. 5,344,512, Sep. 6, 1994, Multilayer fiber-matrix ceramic composite material and process for its production; Philippe Colomban, et al., 156/89, 155, 297, 299, 307.4, 314 [IMAGE AVAILABLE]

3. 5,324,355, Jun. 28, 1994, Thermally split zirconium silicate, method of its production and use; Dieter Binder, et al., 106/450; 423/69, 80, 608 [IMAGE AVAILABLE]

✓4. 5,318,765, Jun. 7, 1994, **Monoclinic** **zirconium** **dioxide**, method of its production and use; Dieter Binder, et al., 423/608; 106/450; 501/95, 103 [IMAGE AVAILABLE]

5. 5,143,869, Sep. 1, 1992, Boride-zirconium oxide-nitrogen carbide-based ceramics; Tadahiko Watanabe, et al., 501/87, 96, 103 [IMAGE AVAILABLE]

✓6. 5,104,832, Apr. 14, 1992, Sinterable zirconium oxide powder and process for its production; Beatrice Michel, et al., 501/103, 104, 105 [IMAGE AVAILABLE]

✓7. 5,030,601, Jul. 9, 1991, Process for the production of sinterable zirconium oxide powder; Beatrice Michel, et al., 501/103; 423/593, 608; 501/104, 105 [IMAGE AVAILABLE]

✗8. 4,921,655, May 1, 1990, Preparation of compact, crystalline and pore-free moldings from oxide ceramic; Hans-Josef Sterzel, 264/66, 65, 332; 501/12 [IMAGE AVAILABLE]

9. 4,906,349, Mar. 6, 1990, Process for the manufacture of a measuring probe for a measuring head to detect the oxygen activity of metal melts and a measuring probe manufactured by such a process; Pamela Beatrice, et al., 204/422; 134/42; 216/101 [IMAGE AVAILABLE]

10. 4,880,757, Nov. 14, 1989, Chemical preparation of

zirconium-aluminum-magnesium oxide composites; Walter W. Henslee, et al., 501/104; 423/115, 600; 501/102, 103, 105, 127 [IMAGE AVAILABLE]

11. 4,767,727, Aug. 30, 1988, Fibre-strengthened ceramic formed bodies; Nils Claussen, et al., 501/87, 88, 89, 91, 92, 95, 97, 103, 105 [IMAGE AVAILABLE]

12. RE 32,449, Jun. 30, 1987, Ceramic body of **zirconium** **dioxide** (ZrO.sub.2) and method for its preparation; Nils Claussen, et al., 501/103; 264/60; 501/104, 105, 152; 623/22 [IMAGE AVAILABLE]

13. 4,585,648, Apr. 29, 1986, Dentifrice composition comprising zirconium-bonded synthetic amorphous silicate; Tsutomu Maeyama, et al., 424/49; 51/308; 424/50, 401; 514/558, 560 [IMAGE AVAILABLE]

14. 4,525,464, Jun. 25, 1985, Ceramic body of **zirconium** **dioxide** (ZrO.sub.2) and method for its preparation; Nils Claussen, et al., 501/103; 264/60; 501/104, 105, 152 [IMAGE AVAILABLE]

15. 4,482,390, Nov. 13, 1984, Method of protecting pigments with transparent crystalline zircon; Anthony C. Airey, et al., 106/431, 450; 423/326; 501/14, 17 [IMAGE AVAILABLE]

16. 4,221,650, Sep. 9, 1980, Solid electrolyte oxygen sensors; Karl-Hermann Friese, et al., 204/429; 501/105 [IMAGE AVAILABLE]

17. 4,152,234, May 1, 1979, Solid closed ended tubular oxygen sensor; Rudolf Pollner, 204/427 [IMAGE AVAILABLE]

18. 4,106,947, Aug. 15, 1978, Beads of ceramic material; Joseph Recasens, et al., 501/107 [IMAGE AVAILABLE]

19. 3,978,006, Aug. 31, 1976, Methods for producing oxygen-sensing element, particularly for use with internal combustion engine exhaust emission analysis; Bernhard Topp, et al., 252/408.1; 60/276; 204/429; 502/400 [IMAGE AVAILABLE]

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=> s zirconium (w) oxide
      33727 ZIRCONIUM
      266293 OXIDE
L7      6690 ZIRCONIUM (W) OXIDE
=> s 17 and 502/?/icls
      9017 502/?/ICLS
L8      315 L7 AND 502/?/ICLS
=> s 18 and ammonia and (zirconyl(w)chloride)
      79958 AMMONIA
      1110 ZIRCONYL
      273145 CHLORIDE
      422 ZIRCONYL(W)CHLORIDE
L9      9 L8 AND AMMONIA AND (ZIRCONYL(W)CHLORIDE)
=> dis 19
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1. 5,447,898, Sep. 5, 1995, Process for the preparation of zirconia;
Paul Blankenstein, et al., 502/349; 423/608 [IMAGE AVAILABLE]
=> dis 19 1-9

1. 5,447,898, Sep. 5, 1995, Process for the preparation of zirconia;
Paul Blankenstein, et al., 502/349; 423/608 [IMAGE AVAILABLE]

2. 5,380,691, Jan. 10, 1995, Catalytic microporous zirconia
particulates; Jean-Michel Popa, 502/170, 171, 174, 201, 208, 217, 348
[IMAGE AVAILABLE]

3. 5,200,378, Apr. 6, 1993, Pillaring of layered compounds; Abraham
Clearfield, 502/62, 63, 80, 84 [IMAGE AVAILABLE]

4. 5,134,109, Jul. 28, 1992, Catalyst for reforming hydrocarbon with
steam; Souichi Uchiyama, et al., 502/324; 423/652; 502/325, 326 [IMAGE
AVAILABLE]

5. 5,021,392, Jun. 4, 1991, High porosity titania-zirconia catalyst
support prepared by a process; Francis P. Daly, et al., 502/439 [IMAGE
AVAILABLE]

6. 5,021,385, Jun. 4, 1991, Catalyst comprising a titania-zirconia
support and supported catalyst prepared by a process; Francis P. Daly, et
al., 502/211, 309 [IMAGE AVAILABLE]

7. 4,873,017, Oct. 10, 1989, Heterogeneous alkoxylation using
anion-bound metal oxides; Stephen W. King, 252/183.11, 182.23; 502/172;
568/620 [IMAGE AVAILABLE]

8. 4,731,234, Mar. 15, 1988, Process for producing zirconium sols and
gels, and process for producing zirconia using the same; Takeo Wada, et
al., 423/280, 277, 411, 608; 502/202, 349 [IMAGE AVAILABLE]

9. 4,422,960, Dec. 27, 1983, Catalysts for hydrotreatment of heavy
hydrocarbon oils containing asphaltenes; Yoshimi Shiroto, et al.,
502/206, 207, 220, 222, 235, 236, 242, 244, 245, 247, 251, 255, 257, 263,
309, 336 [IMAGE AVAILABLE]

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